

STN TME

AB Steviosides [I; R1 =  $\alpha$ -G,  $\alpha$ -G-(1 $\rightarrow$ 4)- $\alpha$ -G,  $\alpha$ -G-(1 $\rightarrow$ 4)- $\alpha$ -G-(1 $\rightarrow$ 4)- $\alpha$ -G; R2 = H; G = D-glucopyranosyl] are prepared by enzymic  $\alpha$ -1,4-transglycosidation of **stevioside** (II) with a  $\alpha$ -glycosyl compound, e.g. soluble **starch**, at the terminal 4-position of the 13-O-sophorose residue in the presence of cyclodextrin **glucosyltransferase**. A transglucosidation product containing  $\geq 70\%$  I has the improved sweetening characteristics compound to those of II.

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.76

134.95

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-18.25

FILE 'STNGUIDE' ENTERED AT 09:17:34 ON 15 NOV 2005

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Nov 11, 2005 (20051111/UP).

=> d his

(FILE 'HOME' ENTERED AT 08:49:47 ON 15 NOV 2005)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 08:51:07 ON 15 NOV 2005

L1 291842 S ALPHA-GLUCOSYL SUGAR OR STARCH OR DEXTRAN OR CYCLODEXTRAN

L2 173099 S TRANSFERASE OR GLUCOSYLTRANSFERASE OR CYCLODEXTRAN OR GLUCANO

L3 2551 S L1 AND L2

L4 36 S L3 AND STEVIOSIDE

L5 29 DUP REM L4 (7 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 08:55:14 ON 15 NOV 2005

SET NOTICE DISPLAY 1

SET AUHELP OFF

SET SMART OFF

SET MSTEPS OFF

SET EXPAND CONT

SET AUDIT OFF

DEL SEL Y

FILE 'CAPLUS' ENTERED AT 09:08:22 ON 15 NOV 2005

L6 1 S JP 05276883/PN,APPS

FILE 'INPADOC' ENTERED AT 09:08:24 ON 15 NOV 2005

FILE 'CAPLUS' ENTERED AT 09:08:26 ON 15 NOV 2005

L7 TRA L6 1- PN : 2 TERMS

FILE 'INPADOC' ENTERED AT 09:08:27 ON 15 NOV 2005

L8 1 SEA L7

L9 0 S L8 AND US/PC

L10 0 S L8 AND ZA/PC

L11 0 S L8 AND EP/PC AND EN/LA

L12 0 S L8 AND WO/PC AND EN/LA

L13 0 S L8 AND AU/PC

L14 0 S L8 AND CA/PC AND EN/LA

SET AUHELP LOGIN  
SET SMART LOGIN  
SET MSTEPS LOGIN  
SET EXPAND LOGIN  
SET AUDIT LOGIN  
SET NOTICE LOGIN DISPLAY

L15

2 S L4

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:12:06 ON 15 NOV 2005

FILE 'INPADOC' ENTERED AT 09:12:06 ON 15 NOV 2005

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:14:57 ON 15 NOV 2005

FILE 'INPADOC' ENTERED AT 09:14:58 ON 15 NOV 2005

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:16:29 ON 15 NOV 2005

FILE 'INPADOC' ENTERED AT 09:16:31 ON 15 NOV 2005

FILE 'STNGUIDE' ENTERED AT 09:17:34 ON 15 NOV 2005